

**11.04.160 Main extensions - To be made at owner's expense.** The City of Jasper, being the owner of and engaged in the operation of a waterworks system for the City of Jasper, its inhabitants and areas surrounding the City of Jasper, now provides that new main extensions to the water system shall hereafter be made at the expense of the owner, owners, or developer desiring such extension; provided, however, that the utility service board will have the final decision as to the size of mains that will be required to satisfy the present and future needs of the area served by the extension, including the extension of feeder mains through the new area. Should the Utility Service Board deem it necessary or advisable, in the interest of future expansion and improvement involving the City water system, to install a main larger than that required to satisfy the present and future needs of the area served by the extension, including the extension of feeder mains leading up to the new area to be served, a larger main may be installed by the developer, owner or owners with the added cost for the larger main and fittings to be paid by the Municipal Water Utility. (Ord. 747 S 1, 1973; Ord. 692 S 1, 1971).

**11.04.180 Main extensions - Installation supervision.** The requirements are as follows:

- (1) All water mains shall be installed at a depth of not less than forty-two inches from ground level. At all times when work has been temporarily halted, a plug shall be installed at the open end of the last section of pipe installed.
- (2) Mains running lateral to a sewer line shall be not less than ten feet horizontally and eighteen inches vertically from the sewer line.
- (3) NORMAL CONDITIONS. Water mains crossing house sewers, storm sewers or sanitary sewers shall be laid to provide a separation of at least eighteen inches between the bottom of the water main and the top of the sewer.
- (4) UNUSUAL CONDITIONS. Where the vertical separation cannot be obtained, the sewer shall be constructed of materials and with joints that are equivalent to water main standards of construction and shall be pressure tested to assure water-tightness prior to backfilling.
- (5) All safety standards on the job will meet with O.S.H.A. requirements. (Ord. 770 S 1, 1974; Ord. 692 S 3, 1971).

**11.04.190 Main extensions - Dedication to municipal water department.** Upon completion of new main extensions by the owner, owners or developers, the same shall then be turned over and dedicated in total to the municipal water department of the city free and clear of all liens and encumbrances.